

INTEGRATED GUIDANCE SYSTEM

ABSTRACT OF THE INVENTION

An integrated guidance system is disclosed. The integrated guidance system
5 includes a position determination system adapted for determining a current position.
Additionally, the integrated guidance system further includes a lightbar device adapted
for providing a visual representation of the deviation of the current position from a
desired path to guide movement along the desired path. Furthermore, the integrated
guidance system has a data input device, and a display device for displaying text and
10 graphics. Moreover, the integrated guidance system includes a user interface system
adapted for facilitating user interaction by integrating operation of the position
determination system, the lightbar device, the data input device, and the display
device. In an embodiment, the user interface system comprises a processor and
processor-executable instructions for implementing a user interface.